METHOD AND APPARATUS FOR SYNCHRONIZING A SOFTWARE BUFFER INDEX WITH AN UNKNOWN HARDWARE BUFFER INDEX

ABSTRACT OF THE DISCLOSURE

5   Method and apparatus for synchronizing a software buffer index with an unknown hardware buffer index. Specifically, a method of processing data is disclosed comprising synchronizing a software buffer index to a hardware buffer index. The method sequentially searches through a plurality of buffers containing data to find a second buffer with

10   unprocessed data. The method is implemented when the software buffer index points to a first buffer containing processed data. Thereafter, the software buffer index is reset to the next available buffer having processed data following the second buffer.

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